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FILE 'HOME' ENTERED AT 12:26:26 ON 09 DEC 1997

=> file dgene

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FILE 'DGENE' ENTERED AT 12:26:30 ON 09 DEC 1997
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FILE LAST UPDATED: 30 NOV 97            <971130/UP>
LATEST DERWENT WEEK COMPREHENSIVELY COVERED:  9712

=> s non a non b and antisense

         34536 NON
        221192 A
         34536 NON
         34397 B
          3655 NON A NON B
                 (NON(W)A(W)NON(W)B)
         14603 ANTISENSE
L1         645 NON A NON B AND ANTISENSE

=> d 1


L1    ANSWER 1 OF 645  DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN    94P-R54867  Protein       DGENE
TI    Anti:sense oligo:nucleotide(s) complementary to the hepatitis C
      virus genome - are useful as antiviral agents
IN    Honda Y; Seki M; Yamada E
PA    (SEKI-I)     SEKI M
PI    CA 2104649  A  940226              262 pp
AI    CA 93-2104649  930823
PRAI  JP 92-248796   920825
      JP 93-42736    930303
DT    Patent
LA    English
OS    94-151836 [19]

=> d 645


L1    ANSWER 645 OF 645  DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN    92N-Q22707  DNA       DGENE
TI    Non-A, non-B
      hepatitis-specific antigen polypeptide - for detection of hepatitis
      virus gene or antibody directed against virus
IN    Maki N; Yamaguchi K; Toyoshima A; Kohara M
PA    (TOFU)       TONEN CORP
PI    EP 468657   A  920129               78 pp
AI    EP 91-306158   910708
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PRAI JP 90-413844 901220
JP 90-180889 900709
JP 90-339589 901130
DT Patent
LA English
OS 92-034390 [05]

=> s l1 and py<1993

58805 PY<1993
(PY<1993)
L2 61 L1 AND PY<1993

=> d 1-61

L2 ANSWER 1 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31753 DNA DGENE
TI New antibody recognising capsid protein of hepatitis C virus protein - useful for detection, determn. and purificn. of HCV-related antigen
PA (TAKE) TAKEDA CHEM IND LTD
PI **JP 04305156 A 921028** **15 pp**
AI JP 91-117530 910522
PRAI JP 91-20861 910214
DT Patent
LA Japanese
OS 92-409893 [50]

L2 ANSWER 2 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31097 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 3 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31096 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 4 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31095 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 5 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31094 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 6 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31093 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 7 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31092 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 8 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31091 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 9 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31090 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 10 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31089 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 11 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31088 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 12 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31087 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 13 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31086 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

[redacted]

PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 14 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31085 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 15 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31084 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 16 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31083 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 17 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31082 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 18 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31081 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 19 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31080 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 20 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31079 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 21 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31078 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 22 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31072 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 23 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31071 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 24 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31070 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 25 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31069 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 26 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31068 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 27 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31067 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 28 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31066 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 29 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31065 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 30 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31064 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 31 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31063 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

[redacted]

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PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 32 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31062 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 33 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31061 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 34 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31060 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 35 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31059 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 36 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31058 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 37 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31057 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 38 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31056 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 39 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31055 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 40 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31054 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 41 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31053 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 42 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31052 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 43 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31051 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 44 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31050 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 45 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31049 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112 186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 46 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31048 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112 186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 47 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31047 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112 186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 48 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31046 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112 186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 49 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31045 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 50 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31044 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 51 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31043 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 52 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31042 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 53 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31041 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 54 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31040 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 55 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31039 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 56 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31038 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 57 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31037 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S
PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 58 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q31036 DNA DGENE
TI Compsn. comprising a non-hepatitis C virus-1 nucleotide sequence - related to HCV-1, useful for treating and detecting HCV-1 infections and as a vaccine
IN Beall E; Cha T; Irvine B; Kolberg J; Urdea M S

PA (CHIR) CHIRON CORP
PI **WO 9219743 A 921112** **186 pp**
AI WO 92-US4036 920508
PRAI US 91-697326 910508
DT Patent
LA English
OS 92-398869 [48]

L2 ANSWER 59 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q27940 cDNA DGENE
TI cDNA sequence of C-hepatitis virus (HCV). - comprises specific sequence of 329 aminoacid(s), useful in detection and diagnosis of C-hepatitis virus
PA (SHIO) SHIONOGI & CO LTD
PI **JP 04218375 A 920807** **5 pp**
AI JP 90-412176 901218
PRAI JP 90-412176 901218
DT Patent
LA Japanese
OS 92-312517 [38]

L2 ANSWER 60 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q22709 DNA DGENE
TI **Non-A, non-B** hepatitis-specific antigen polypeptide - for detection of hepatitis virus gene or antibody directed against virus
IN Maki N; Yamaguchi K; Toyoshima A; Kohara M
PA (TOFU) TONEN CORP
PI **EP 468657 A 920129** **78 pp**
AI EP 91-306158 910708
PRAI JP 90-413844 901220
JP 90-180889 900709
JP 90-339589 901130
DT Patent
LA English
OS 92-034390 [05]

L2 ANSWER 61 OF 61 DGENE COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92N-Q22707 DNA DGENE
TI **Non-A, non-B** hepatitis-specific antigen polypeptide - for detection of hepatitis virus gene or antibody directed against virus
IN Maki N; Yamaguchi K; Toyoshima A; Kohara M
PA (TOFU) TONEN CORP
PI **EP 468657 A 920129** **78 pp**
AI EP 91-306158 910708
PRAI JP 90-413844 901220
JP 90-180889 900709
JP 90-339589 901130
DT Patent
LA English
OS 92-034390 [05]

[redacted]

08/441,443
FILE 'HOME' ENTERED AT 11:56:14 ON 09 DEC 1997

=> s ((nanbh or nanbv) and hepatitis) and antisense

L4 0 ((NANBH OR NANBV) AND HEPATITIS) AND ANTISENSE

=> s non a non b and antisense

L5 6 NON A NON B AND ANTISENSE

=> dup rem l5

PROCESSING COMPLETED FOR L5
L6 5 DUP REM L5 (1 DUPLICATE REMOVED)

=> d 1-5

L6 ANSWER 1 OF 5 MEDLINE
AN 94175777 MEDLINE
TI Specific detection of positive and negative stranded hepatitis C viral RNA using chemical RNA modification.
AU Gunji T; Kato N; Hijikata M; Hayashi K; Saitoh S; Shimotohno K
CS Virology Division, National Cancer Center Research Institute, Tokyo, Japan.
SO ARCHIVES OF VIROLOGY, (1994) 134 (3-4) 293-302.
Journal code: 8L7. ISSN: 0304-8608.
CY Austria
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9406

L6 ANSWER 2 OF 5 MEDLINE DUPLICATE 1
AN 92185479 MEDLINE
TI Typing hepatitis C virus by polymerase chain reaction with type-specific primers: application to clinical surveys and tracing infectious sources.
AU Okamoto H; Sugiyama Y; Okada S; Kurai K; Akahane Y; Sugai Y; Tanaka T; Sato K; Tsuda F; Miyakawa Y; et al
CS Immunology Division, Jichi Medical School, Tochigi-Ken, Japan.
SO JOURNAL OF GENERAL VIROLOGY, (1992 Mar) 73 (Pt 3) 673-9.
Journal code: I9B. ISSN: 0022-1317.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
OS GENBANK-D00830
EM 9206

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 1997 ACS
AN 1992:630054 CAPLUS
DN 117:230054
TI Sequences from the **non-A, non-B** hepatitis virus genome encoding a viral antigen
IN Mishiro, Shunji; Nakamura, Tetsuo
PA Immuno Japan, Inc., Japan
SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 451,968, abandoned.

[redacted]

CODEN: USXXAM
PI US 5077193 A 911231
AI US 90-540604 900619
PRAI JP 88-322547 881221
US 89-451968 891219
DT Patent
LA English

L6 ANSWER 4 OF 5 MEDLINE
AN 92348861 MEDLINE
TI Evidence of two major genotypes of hepatitis C virus in France and close relatedness of the predominant one with the prototype virus.
AU Li J S; Tong S P; Vitvitski L; Lepot D; Trepo C
CS Unite de Recherche sur les Hepatites, INSERM 271, Lyon, France.
SO JOURNAL OF HEPATOLOGY, (1991) 13 Suppl 4 S33-7.
Journal code: IBS. ISSN: 0168-8278.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-M60220; GENBANK-M60221
EM 9211

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 1997 ACS
AN 1991:116360 CAPLUS
DN 114:116360
TI cDNA cloning and expression of **non-A, non-B** hepatitis virus antigen genes
IN Mishiro, Shunji; Nakamura, Tetsuo
PA Immuno Japan, Inc., Japan
SO Eur. Pat. Appl., 9 pp.
CODEN: EPXXDW
PI EP 377303 A1 900711
DS R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE
AI EP 89-313362 891220
PRAI JP 88-322547 881221
DT Patent
LA English

=> index bioscience

=> s non a non b and antisense
18 FILES HAVE ONE OR MORE ANSWERS, 49 FILES SEARCHED IN STNINDEX

L7 QUE NON A NON B AND ANTISENSE

=> d rank

F1	645	DGENE
F2	27	USPATFULL
F3	3	CAPLUS
F4	3	MEDLINE
F5	2	BIOTECHABS
F6	2	BIOTECHDS
F7	2	EMBASE
F8	1	BIOSIS
F9	1	CANCERLIT
F10	1	JICST-EPLUS
F11	1	LIFESCI

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F12          1   PHIN
F13          1   PROMT
F14          1   SCISEARCH
F15          1   TOXLINE
F16          1   TOXLIT
F17          1   WPIDS
F18          1   WPINDEX

=> file f2-f18
=> s l7
L8          47 L7

=> dup rem l8

PROCESSING COMPLETED FOR L8
L9           37 DUP REM L8 (10 DUPLICATES REMOVED)

=> d 1-37


L9   ANSWER 1 OF 37  USPATFULL
AN     97:112452  USPATFULL
TI     Expression of exogenous polynucleotide sequences cardiac muscle of
       a mammal
IN     Wolff, Jon A., Madison, WI, United States
       Duke, David J., Salem, OR, United States
       Felgner, Philip L., Rancho Santa Fe, CA, United States
PA     Vical Incorporated, San Diego, CA, United States (U.S.
       corporation)
       Wisconsin Alumni Research Foundation, Madison, WI, United States
       (U.S. corporation)
PI     US 5693622  971202
AI     US 95-480039  950607 (8)
RLI    Continuation of Ser. No. US 94-210628, filed on 18 Mar 1994, now
       abandoned which is a continuation of Ser. No. US 91-791101, filed
       on 12 Nov 1991, now abandoned which is a continuation-in-part of
       Ser. No. US 90-496991, filed on 21 Mar 1990, now abandoned which
       is a continuation-in-part of Ser. No. US 90-467881, filed on 19
       Jan 1990, now abandoned which is a continuation-in-part of Ser.
       No. US 89-326305, filed on 21 Mar 1989, now abandoned
DT     Utility
LN.CNT 3250
INCL   INCLM: 514/044.000
       INCLS: 735/053.000; 735/055.000; 735/056.000; 735/060.000
NCL    NCLM:  514/044.000
       NCLS:  735/053.000; 735/055.000; 735/056.000; 735/060.000
IC     [6]
       ICM: A61K048-00
       ICS: C12N015-00
EXF    514/44; 935/53; 935/55; 935/56; 935/60

L9   ANSWER 2 OF 37  USPATFULL
AN     97:112365  USPATFULL
TI     Vector systems for the generation of adeno-associated virus
       particles
IN     Chiorini, John A., Silver Spring, MD, United States
       Kotin, Robert, Rockville, MD, United States
       Safer, Brian, Silver Spring, MD, United States
       Urcelay, Elena, Bethesda, MD, United States
PA     The United States of America as represented by the Department of
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[redacted]

Health and Human Services, Washington, DC, United States (U.S. government)
PI US 5693531 971202
AI US 93-157740 931124 (8)
DT Utility
LN.CNT 502
INCL INCLM: 435/325.000
INCLS: 435/320.100; 435/172.300; 424/093.100
NCL NCLM: 435/325.000
NCLS: 435/320.100; 435/172.300; 424/093.100
IC [6]
ICM: C12N015-64
ICS: C12N015-85; C12N015-86; C12N015-09
EXF 435/172.3; 435/235.1; 435/240.2; 435/320.1; 435/325; 424/93.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 37 USPATFULL
AN 97:109747 USPATFULL
TI CD4+ T-lymphoctye proteases and genes encoding said proteases
IN Franzusoff, Alex, Boulder, CO, United States
Miranda, Luis R., Denver, CO, United States
PA University Technology Corporation, Boulder, CO, United States (U.S. corporation)
PI US 5691183 971125
AI US 95-368852 950105 (8)
RLI Continuation-in-part of Ser. No. US 93-88322, filed on 7 Jul 1993, now patented, Pat. No. US 5413914 And Ser. No. US 94-340185, filed on 15 Nov 1994 which is a continuation-in-part of Ser. No. US -88322
DT Utility
LN.CNT 2374
INCL INCLM: 435/252.300
INCLS: 435/254.200; 536/023.200
NCL NCLM: 435/252.300
NCLS: 435/254.200; 536/023.200
IC [6]
ICM: C12N015-57
ICS: C12N015-74; C12N015-81
EXF 435/252.3; 435/254.2; 536/23.2

L9 ANSWER 4 OF 37 USPATFULL
AN 97:104271 USPATFULL
TI Hepatitis E virus peptides and methods
IN Reyes, Gregory R., Palo Alto, CA, United States
Tam, Albert W., San Francisco, CA, United States
Yarbough, Patrice O., San Antonio, TX, United States
PA Genelabs Technologies, Inc., Redwood City, CA, United States (U.S. corporation)
PI US 5686239 971111
AI US 94-240049 940509 (8)
RLI Continuation-in-part of Ser. No. US 92-876941, filed on 1 May 1992 And Ser. No. US 92-870985, filed on 20 Apr 1992 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 92-822335, filed on 17 Jan 1992, now abandoned which is a continuation-in-part of Ser. No. US 91-681078, filed on 5 Apr 1991, now abandoned which is a continuation-in-part of Ser. No. US 90-505888, filed on 5 Apr 1990, now abandoned which is a continuation-in-part of Ser. No. US 89-420921, filed on 13 Oct 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-367486, filed on 16 Jun 1989, now abandoned which is a continuation-in-part of Ser. No. US

[redacted]

89-336672, filed on 11 Apr 1989, now abandoned which is a continuation-in-part of Ser. No. US 88-208997, filed on 17 Jun 1988, now abandoned
DT Utility
LN.CNT 1729
INCL INCLM: 435/005.000
INCLS: 435/975.000; 436/518.000; 530/324.000; 530/403.000
NCL NCLM: 435/005.000
NCLS: 435/975.000; 436/518.000; 530/324.000; 530/403.000
IC [6]
ICM: C12Q001-70
ICS: G01N033-543; C07K014-005; C07K017-00
EXF 530/324; 530/350; 530/403; 424/189.1; 424/192.1; 424/228.1; 435/5; 435/975; 436/518

L9 ANSWER 5 OF 37 USPATFULL
AN 97:96551 USPATFULL
TI Hepatitis C virus infected cell systems
IN Houghton, Michael, Oakland, CA, United States
Steimer, Kathelyn S., Benicia, CA, United States
Weiner, Amy J., Benicia, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 5679342 971021
AI US 93-97853 930727 (8)
RLI Continuation-in-part of Ser. No. US 90-611965, filed on 8 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 89-398667, filed on 25 Aug 1989, now abandoned Ser. No. Ser. No. US 89-456637, filed on 21 Dec 1989, now abandoned Ser. No. Ser. No. US 89-355002, filed on 18 May 1989, now abandoned And Ser. No. US 89-355961, filed on 18 May 1989, now abandoned , each Ser. No. US - which is a continuation-in-part of Ser. No. US 89-341334, filed on 20 Apr 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-353896, filed on 21 Apr 1989, now abandoned And Ser. No. US 89-325338, filed on 17 Mar 1989, now abandoned , said Ser. No. US -341334 Ser. No. Ser. No. US -353896 And Ser. No. US -325338 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 88-271450, filed on 14 Nov 1988, now abandoned which is a continuation-in-part of Ser. No. US 88-263584, filed on 26 Oct 1988, now abandoned which is a continuation-in-part of Ser. No. US 88-191263, filed on 6 May 1988, now abandoned which is a continuation-in-part of Ser. No. US 88-161072, filed on 26 Feb 1988, now abandoned which is a continuation-in-part of Ser. No. US 87-139886, filed on 30 Dec 1987, now abandoned which is a continuation-in-part of Ser. No. US 87-122714, filed on 18 Nov 1987, now abandoned
DT Utility
LN.CNT 1567
INCL INCLM: 424/093.210
INCLS: 424/189.100; 424/228.100; 435/005.000; 435/069.300; 435/070.100; 435/070.300; 435/240.200; 435/240.270; 435/235.100; 435/239.000
NCL NCLM: 424/093.210
NCLS: 424/189.100; 424/228.100; 435/005.000; 435/069.300; 435/070.300; 435/235.100; 435/239.000
IC [6]
ICM: C12Q001-70
EXF 424/93.21; 424/189.1; 424/228.1; 435/5; 435/69.3; 435/70.1; 435/70.3; 435/91.1; 435/235.1; 435/240.2; 435/240.27; 435/239; 536/23.72

L9 ANSWER 6 OF 37 USPATFULL
AN 97:86271 USPATFULL
TI Immunoreactive polypeptide compositions
IN Weiner, Amy J., Benicia, CA, United States
Houghton, Michael, Danville, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 5670153 970923
AI US 95-440542 950512 (8)
RLI Division of Ser. No. US 94-231368, filed on 19 Apr 1994 which is a continuation of Ser. No. US 91-759575, filed on 13 Sep 1991
DT Utility
LN.CNT 2103
INCL INCLM: 424/189.100
INCLS: 424/228.100; 530/350.000; 435/005.000
NCL NCLM: 424/189.100
NCLS: 424/228.100; 435/005.000; 530/350.000
IC [6]
ICM: A61K039-29
ICS: C12Q001-70; C07K014-18
EXF 435/5; 530/350; 530/389.4; 424/189.1; 424/228.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 37 USPATFULL
AN 97:86270 USPATFULL
TI Immunoreactive polypeptide compositions
IN Weiner, Amy J., Benicia, CA, United States
Houghton, Michael, Danville, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 5670152 970923
AI US 95-440103 950512 (8)
RLI Division of Ser. No. US 94-231368, filed on 19 Apr 1994 which is a continuation of Ser. No. US 91-759575, filed on 13 Sep 1991
DT Utility
LN.CNT 2097
INCL INCLM: 424/189.100
INCLS: 424/228.100; 530/350.000; 435/005.000
NCL NCLM: 424/189.100
NCLS: 424/228.100; 435/005.000; 530/350.000
IC [6]
ICM: A61K039-29
ICS: C12Q001-70; C07K014-18
EXF 435/5; 530/350; 424/189.1; 424/228.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 37 USPATFULL
AN 97:83819 USPATFULL
TI Mammalian expression systems for HCV proteins
IN Casey, James M., Zion, IL, United States
Bode, Suzanne L., Zion, IL, United States
Zeck, Billy J., Gurnee, IL, United States
Yamaguchi, Julie, Chicago, IL, United States
Frail, Donald E., Libertyville, IL, United States
Desai, Suresh M., Libertyville, IL, United States
Devare, Sushil G., Northbrook, IL, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 5667992 970916

AI US 95-453552 950530 (8)
RLI Division of Ser. No. US 95-417478, filed on 5 Apr 1995, now abandoned which is a continuation of Ser. No. US 93-144099, filed on 28 Oct 1993, now abandoned which is a continuation of Ser. No. US 92-830024, filed on 31 Jan 1992, now abandoned
DT Utility
LN.CNT 2112
INCL INCLM: 435/069.300
INCLS: 435/005.000; 530/409.000
NCL NCLM: 435/069.300
NCLS: 435/005.000; 530/409.000
IC [6]
ICM: C12P021-00
ICS: C12Q001-70
EXF 435/5; 435/69.3; 530/409
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 37 USPATFULL
AN 97:78180 USPATFULL
TI **Non-a non-b**
hepatitis-specific antigen and its use in hepatitis diagnosis
IN Maki, Noboru, Iruma-gun, Japan
Yamaguchi, Kenjiro, Iruma-gun, Japan
Toyoshima, Ayumi, Kamifukuoka, Japan
Kohara, Michinori, Tokorozawa, Japan
PA Tonen Corporation, Tokyo, Japan (non-U.S. corporation)
PI US 5662906 970902
AI US 95-449093 950524 (8)
RLI Division of Ser. No. US 93-81072, filed on 22 Jun 1993 which is a continuation of Ser. No. US 91-726141, filed on 8 Jul 1991, now abandoned
PRAI JP 90-180889 900709
JP 90-339589 901130
JP 90-413844 901220
DT Utility
LN.CNT 1605
INCL INCLM: 424/184.100
INCLS: 424/189.100; 424/228.100; 530/324.000; 530/350.000
NCL NCLM: 424/184.100
NCLS: 424/189.100; 424/228.100; 530/324.000; 530/350.000
IC [6]
ICM: A61K039-29
EXF 530/324; 530/350; 436/548; 435/252.33; 435/252.3; 536/22.1; 424/184.1; 424/185.1; 424/186.1; 424/189.1; 424/204.1; 424/228.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 37 USPATFULL
AN 97:54106 USPATFULL
TI **Non-A non-B** hepatitis
specific antigen and its use in hepatitis
IN Maki, Noboru, Iruma-gun, Japan
Yamaguchi, Kenjiro, Iruma-gun, Japan
Toyoshima, Ayumi, Kamifukuoka, Japan
Kohara, Michinori, Tokorozawa, Japan
PA Tonen Corporation, Tokyo, Japan (non-U.S. corporation)
PI US 5641654 970624
AI US 93-81072 930622 (8)
RLI Continuation of Ser. No. US 91-726141, filed on 8 Jul 1991, now abandoned

PRAI JP 90-180889 900709
JP 90-339589 901130
JP 90-413844 901220
DT Utility
LN.CNT 1623
INCL INCLM: 435/069.300
INCLS: 435/252.300; 435/252.330; 435/252.500; 435/254.200; 435/320.100; 536/023.720
NCL NCLM: 435/069.300
NCLS: 435/252.300; 435/252.330; 435/252.500; 435/254.200; 435/320.100; 536/023.720
IC [6]
ICM: C12P021-02
ICS: C12N001-21; C12N015-71
EXF 435/69.1; 435/320.1; 435/172.3; 435/69.3; 435/252.3; 435/252.33; 435/252.5; 435/254.2; 536/23.1; 536/23.72; 536/24.3; 536/24.33
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 11 OF 37 USPATFULL
AN 97:38386 USPATFULL
TI Yeast strains used to identify inhibitors of dibasic amino acid processing endoproteases
IN Franzusoff, Alex, Boulder, CO, United States
PA The Regents of the University of Colorado, Boulder, CO, United States (U.S. corporation)
PI US 5627043 970506
AI US 95-437820 950509 (8)
RLI Division of Ser. No. US 93-88322, filed on 7 Jul 1993, now patented, Pat. No. US 5413914, issued on 9 May 1995
DT Utility
LN.CNT 2336
INCL INCLM: 435/023.000
INCLS: 435/007.910; 435/041.000; 435/224.000; 435/255.200; 435/942.000
NCL NCLM: 435/023.000
NCLS: 435/007.910; 435/041.000; 435/224.000; 435/255.200; 435/942.000
IC [6]
ICM: C12Q001-37
ICS: C12N001-19
EXF 435/23; 435/7.9; 435/7.91; 435/41; 435/69.1; 435/69.2; 435/224; 435/254.21; 435/255.2; 435/942

L9 ANSWER 12 OF 37 USPATFULL
AN 97:36294 USPATFULL
TI Core antigen protein of hepatitis C virus, and diagnostic method and kit using the same
IN Liao, Jaw-Ching, Taipei, Taiwan, Province of China
Wang, Cheng-Nan, Taipei, Taiwan, Province of China
PA EverNew Biotech Inc., Taipei, Taiwan, Province of China (non-U.S. corporation)
PI US 5625034 970429
AI US 93-143579 931026 (8)
RLI Division of Ser. No. US 92-963483, filed on 16 Oct 1992, now abandoned
DT Utility
LN.CNT 535
INCL INCLM: 530/350.000
INCLS: 536/023.720; 530/826.000; 435/005.000; 435/069.300
NCL NCLM: 530/350.000

[redacted]

NCLS: 435/005.000; 435/069.300; 530/826.000; 536/023.720
IC [6]
ICM: C07K014-18
ICS: C07H021-04; C12Q001-70; C12P021-06
EXF 435/5; 435/69.3; 530/350; 530/826; 536/23.72
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 13 OF 37 USPATFULL
AN 97:20425 USPATFULL
TI Enzymatic RNA molecule targeted against Hepatitis C virus
IN Draper, Kenneth G., Boulder, CO, United States
PA Ribozyme Pharmaceuticals, Inc., Boulder, CO, United States (U.S. corporation)
PI US 5610054 970311
AI US 94-182968 940113 (8)
RLI Continuation-in-part of Ser. No. US 92-882888, filed on 14 May 1992, now abandoned
DT Utility
LN.CNT 1920
INCL INCLM: 435/363.000
INCLS: 435/006.000; 435/091.310; 435/320.100; 435/325.000; 435/366.000; 536/023.100; 536/023.200; 536/024.500; 514/044.000
NCL NCLM: 435/363.000
NCLS: 435/006.000; 435/091.310; 435/320.100; 435/325.000; 435/366.000; 514/044.000; 536/023.100; 536/023.200; 536/024.500
IC [6]
ICM: C12N015-85
ICS: C12Q001-68; A61K048-00
EXF 514/44; 435/69.1; 435/6; 435/91.31; 435/172.3; 435/320.1; 435/240.2; 530/350; 536/23.1; 536/23.2; 536/24.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 14 OF 37 USPATFULL
AN 97:20382 USPATFULL
TI Mammalian expression systems for hepatitis C virus envelope genes
IN Watanabe, Shinichi, Northbrook, IL, United States
Yamaguchi, Julie, Chicago, IL, United States
Desai, Suresh M., Libertyville, IL, United States
Devare, Sushil G., Northbrook, IL, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 5610009 970311
AI US 94-188281 940128 (8)
DT Utility
LN.CNT 1447
INCL INCLM: 435/005.000
INCLS: 436/820.000; 530/388.300; 530/389.400
NCL NCLM: 435/005.000
NCLS: 436/820.000; 530/388.300; 530/389.400
IC [6]
ICM: C12Q001-70
ICS: C07K016-08
EXF 435/5; 435/69.7; 435/69.3; 435/69.8; 436/820; 530/388.3; 530/389.4
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 15 OF 37 PROMT COPYRIGHT 1997 IAC

ACCESSION NUMBER: 97:244683 PROMT

[redacted]

TITLE: VIRUS VIGIL: Hepatitis C targeted in NIH panel recommendations
NIH calls for better detection of Hepatitis C virus
SOURCE: Drug Topics, (21 Apr 1997) pp. 036.
ISSN: 0012-6616.
WORD COUNT: 738
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L9 ANSWER 16 OF 37 USPATFULL
AN 96:120876 USPATFULL
TI Induction of a protective immune response in a mammal by injecting a DNA sequence
IN Felgner, Philip L., Rancho Santa Fe, CA, United States
Wolff, Jon A., Madison, WI, United States
Rhodes, Gary H., Leucadia, CA, United States
Malone, Robert W., Chicago, IL, United States
Carson, Dennis A., Del Mar, CA, United States
PA Vical Incorporated, San Diego, CA, United States (U.S. corporation)
Wisconsin Alumni Research Foundation, Dane, WI, United States (U.S. corporation)
PI US 5589466 961231
AI US 95-380131 950126 (8)
RLI Continuation of Ser. No. US 93-8197, filed on 25 Jan 1993, now abandoned which is a continuation of Ser. No. US 90-496991, filed on 21 Mar 1990, now abandoned which is a continuation-in-part of Ser. No. US 90-467881, filed on 19 Jan 1990, now abandoned which is a continuation-in-part of Ser. No. US 89-326305, filed on 21 Mar 1989, now abandoned
DT Utility
LN.CNT 2638
INCL INCLM: 514/044.000
INCLS: 935/053.000; 935/055.000; 935/060.000; 935/065.000
NCL NCLM: 514/044.000
NCLS: 935/053.000; 935/055.000; 935/060.000; 935/065.000
IC [6]
ICM: A61K048-00
ICS: C12N015-00
EXF 514/44; 935/53; 935/55; 935/60; 935/65
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 17 OF 37 USPATFULL
AN 96:111449 USPATFULL
TI Delivery of exogenous DNA sequences in a mammal
IN Felgner, Philip L., Rancho Santa Fe, CA, United States
Wolff, Jon A., Madison, WI, United States
Rhodes, Gary H., Leucadia, CA, United States
Malone, Robert W., Chicago, IL, United States
Carson, Dennis A., Del Mar, CA, United States
PA VICAL Incorporated, San Diego, CA, United States (U.S. corporation)
Wisconsin Alumni Research Foundation, Dane, WI, United States (U.S. corporation)
PI US 5580859 961203
AI US 94-215405 940318 (8)
RLI Continuation of Ser. No. US 92-846827, filed on 6 Mar 1992, now abandoned which is a division of Ser. No. US 90-496991, filed on 21 Mar 1990, now abandoned which is a continuation-in-part of Ser. No. US 90-467881, filed on 19 Jan 1990, now abandoned which is a continuation-in-part of Ser. No. US 89-326305, filed on 21 Mar

[redacted]

1989, now abandoned
DT Utility
LN.CNT 2572
INCL INCLM: 514/044.000
INCLS: 435/069.100; 435/172.300
NCL NCLM: 514/044.000
NCLS: 435/069.100; 435/172.300
IC [6]
ICM: A01N043-04
ICS: A61K031-70; C12P021-06; C12N015-00
EXF 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 18 OF 37 USPATFULL
AN 96:80178 USPATFULL
TI Use of polyols for improving the introduction of genetic material into cells
IN March, Keith L., Carmel, IN, United States
PA Indiana University Foundation, Bloomington, IN, United States (U.S. corporation)
PI US 5552309 960903
AI US 94-315974 940930 (8)
DT Utility
LN.CNT 861
INCL INCLM: 435/172.300
INCLS: 435/235.100; 435/240.200; 435/320.100; 514/044.000; 424/093.100; 424/093.200; 424/426.000; 935/057.000
NCL NCLM: 435/172.300
NCLS: 424/093.100; 424/093.200; 424/426.000; 435/235.100; 435/320.100; 514/044.000; 935/057.000
IC [6]
ICM: A01N063-00
ICS: C12N005-00; C12N015-00
EXF 424/93.1; 424/93.2; 424/426; 435/172.3; 435/320.1; 435/240.2; 514/44; 935/57
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 19 OF 37 USPATFULL
AN 96:70370 USPATFULL
TI Adenoviruses having modified fiber proteins
IN McClelland, Alan, Gaithersburg, MD, United States
Stevenson, Susan C., Federick, MD, United States
PA Genetic Therapy, Inc., Gaithersburg, MD, United States (U.S. corporation)
PI US 5543328 960806
AI US 93-106078 930813 (8)
DT Utility
LN.CNT 968
INCL INCLM: 435/320.100
INCLS: 424/093.100; 424/093.200; 536/023.400; 536/023.720; 935/022.000; 935/032.000; 935/057.000
NCL NCLM: 435/320.100
NCLS: 424/093.100; 424/093.200; 536/023.400; 536/023.720; 935/022.000; 935/032.000; 935/057.000
IC [6]
ICM: C12N015-86
ICS: C12N015-62; C12N015-34; A61K048-00
EXF 435/320.1; 424/93.1; 424/93.2; 536/23.4; 536/23.72; 935/22; 935/32; 935/57
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 20 OF 37 USPATFULL
AN 96:38766 USPATFULL
TI Nucleotide and deduced amino acid sequences of the envelope 1 gene of 51 isolates of hepatitis C virus and the use of reagents derived from these sequences in diagnostic methods and vaccines
IN Bukh, Jens, Bethesda, MD, United States
Miller, Roger H., Rockville, MD, United States
Purcell, Robert H., Boyds, MD, United States
PA The United States of America as represented by the Department of Health and Human Services, Washington, DC, United States (U.S. government)
PI US 5514539 960507
AI US 93-86428 930629 (8)
DT Utility
LN.CNT 2126
INCL INCLM: 435/005.000
INCLS: 435/006.000; 435/091.200; 435/810.000; 536/023.100; 536/023.720; 536/024.320; 536/024.330; 935/076.000; 935/077.000; 935/001.000; 935/002.000; 935/003.000; 935/005.000
NCL NCLM: 435/005.000
NCLS: 435/006.000; 435/091.200; 435/810.000; 536/023.100; 536/023.720; 536/024.320; 536/024.330; 935/001.000; 935/002.000; 935/003.000; 935/005.000; 935/076.000; 935/077.000
IC [6]
ICM: C12Q001-70
ICS: C12Q001-68; C12P019-34; C07H021-04
EXF 435/5; 435/6; 435/91.1; 435/91.2; 435/810; 435/183; 536/23.1; 536/23.72; 536/24.32; 536/24.33; 536/25.3; 935/77; 935/78; 935/1-5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 21 OF 37 USPATFULL
AN 96:16890 USPATFULL
TI Thermostable ligase-mediated DNA amplifications system for the detection of genetic disease
IN Barany, Francis, New York, NY, United States
Zebala, John, New York, NY, United States
Nickerson, Deborah, Seattle, WA, United States
Kaiser, Jr., Robert J., Seattle, WA, United States
Hood, Leroy, Seattle, WA, United States
PA Cornell Research Foundation, Inc., Ithaca, NY, United States (U.S. corporation)
PI US 5494810 960227
AI US 94-343785 941122 (8)
RLI Continuation of Ser. No. US 92-971095, filed on 2 Nov 1992, now abandoned which is a continuation-in-part of Ser. No. US 90-518447, filed on 3 May 1990, now abandoned
DT Utility
LN.CNT 2666
INCL INCLM: 435/091.520
INCLS: 435/004.000; 435/091.200; 435/006.000
NCL NCLM: 435/091.520
NCLS: 435/004.000; 435/006.000; 435/091.200
IC [6]
ICM: C12Q001-68
ICS: C12Q001-25; C12P019-34
EXF 435/6; 435/91.2; 435/91.52
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 22 OF 37 USPATFULL
AN 96:12856 USPATFULL
TI Compositions of N-(phosphonoacetyl)-L-aspartic acid and methods of their use as broad spectrum antivirals
IN Blough, Herbert A., Berwyn, PA, United States
PA U.S. Bioscience, Inc., West Conshohocken, PA, United States (U.S. corporation)
PI US 5491135 960213
AI US 93-32234 930317 (8)
RLI Continuation-in-part of Ser. No. US 92-853454, filed on 18 Mar 1992, now abandoned
DT Utility
LN.CNT 3264
INCL INCLM: 514/115.000
INCLS: 514/119.000; 514/561.000
NCL NCLM: 514/115.000
NCLS: 514/119.000; 514/561.000
IC [6]
ICM: A61K031-505
EXF 514/115; 514/119; 514/561
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 23 OF 37 USPATFULL
AN 95:58247 USPATFULL
TI **Non-A, non-B,** hepatitis virus genome, polynucleotides, polypeptides, antigen, antibody and detection systems
IN Okamoto, Hiroaki, Minami Kawachi, Japan
Nakamura, Tetsuo, Tokyo, Japan
PA Immuno Japan, Inc., Tokyo, Japan (non-U.S. corporation)
PI US 5428145 950627
AI US 92-925695 920807 (7)
RLI Continuation-in-part of Ser. No. US 92-866045, filed on 9 Apr 1992, now abandoned
PRAI JP 91-287402 910809
JP 91-360441 911205
DT Utility
LN.CNT 1147
INCL INCLM: 536/023.720
INCLS: 536/023.100; 424/185.100; 424/186.100; 424/189.100; 424/228.100; 424/225.100; 435/069.300; 435/172.300; 530/350.000; 530/826.000
NCL NCLM: 536/023.720
NCLS: 424/185.100; 424/186.100; 424/189.100; 424/225.100; 424/228.100; 435/069.300; 435/172.300; 530/350.000; 530/826.000; 536/023.100
IC [6]
ICM: A61K039-29
ICS: C12N015-51
EXF 435/69.3; 435/172.3; 536/27; 536/23.72; 536/23.1; 424/185.1; 424/186.1; 424/189.1; 424/228.1; 424/225.1; 530/350; 530/826
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 24 OF 37 USPATFULL
AN 95:58016 USPATFULL
TI Oligonucleotides and determination system of HCV genotypes
IN Okamoto, Hiroaki, Tochigi, Japan
Nakamura, Tetsuo, Tokyo, Japan

PA Immuno Japan Inc., Tokyo, Japan (non-U.S. corporation)
PI US 5427909 950627
AI US 92-940242 920908 (7)
PRAI JP 91-307296 910909
JP 92-93960 920228
DT Utility
LN.CNT 1102
INCL INCLM: 435/054.000
INCLS: 435/006.000; 435/091.100; 435/091.200; 536/024.330
NCL NCLM: 435/005.000
NCLS: 435/006.000; 435/091.100; 435/091.200; 536/024.330
IC [6]
ICM: C12Q001-68
ICS: C12Q001-70; C12P019-34; C07H021-04
EXF 435/91; 435/5; 435/91.1; 435/91.2; 536/24.33; 935/18; 935/78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 25 OF 37 USPATFULL
AN 95:40852 USPATFULL
TI Yeast assay to identify inhibitors of dibasic amino acid processing endoproteases
IN Franzusoff, Alex, Boulder, CO, United States
PA The Regents of the University of Colorado, Boulder, CO, United States (U.S. corporation)
PI US 5413914 950509
AI US 93-88322 930707 (8)
DT Utility
LN.CNT 2536
INCL INCLM: 435/023.000
INCLS: 435/007.900; 435/007.910; 435/224.000; 435/810.000; 435/975.000
NCL NCLM: 435/023.000
NCLS: 435/007.900; 435/007.910; 435/224.000; 435/810.000; 435/975.000
IC [6]
ICM: C12Q001-37
ICS: C12Q001-00; C12N009-60
EXF 435/23; 435/7.9; 435/7.91; 435/183; 435/219; 435/224; 435/810; 435/975
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 26 OF 37 JICST-EPlus COPYRIGHT 1997 JST
AN 950257289 JICST-EPlus
TI Forefront of viral hepatitis for clinicians.Molecularly biological approach.Present state and prospect of viral hepatitis.
AU WATANABE AKIHARU
CS Toyama Med. and Pharm. Univ., Fac. of Med.
SO Mod Phys, (1995) vol. 15, no. 1, pp. 3-7. Journal Code: X0122A (Ref. 5)
ISSN: 0913-7963
CY Japan
DT Journal; General Review
LA Japanese
STA New

L9 ANSWER 27 OF 37 USPATFULL
AN 94:108852 USPATFULL
TI Hepatitis C virus isolates
IN Miyamura, Tatsuo, Tokyo, Japan
Saito, Izumi, Tokyo, Japan

[redacted]

Houghton, Michael, Danville, CA, United States
Weiner, Amy J., Benicia, CA, United States
Han, Jang, Lafayette, CA, United States
Kolberg, Janice A., Hercules, CA, United States
Cha, Tai-An, San Ramon, CA, United States
Irvine, Bruce D., Concord, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
The Director General of the National Institute of Health of Japan, Tokyo, Japan (non-U.S. corporation)
PI US 5372928 941213
AI US 94-201066 940224 (8)
RLI Continuation of Ser. No. US 93-101280, filed on 2 Aug 1993, now abandoned which is a continuation of Ser. No. US 91-637380, filed on 4 Jan 1991, now abandoned which is a continuation-in-part of Ser. No. US 89-456142, filed on 21 Dec 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-408045, filed on 15 Sep 1989, now abandoned
DT Utility
LN.CNT 2182
INCL INCLM: 435/005.000
INCLS: 435/006.000; 536/023.720; 536/024.320; 935/008.000; 935/009.000; 935/078.000
NCL NCLM: 435/005.000
NCLS: 435/006.000; 536/023.720; 536/024.320; 935/008.000; 935/009.000; 935/078.000
IC [5]
ICM: C12Q001-70
ICS: C12Q001-68
EXF 536/27.2; 435/5; 435/6; 435/23.5; 935/3; 935/78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 28 OF 37 USPATFULL
AN 94:84178 USPATFULL
TI HCV immunoassays employing C domain antigens
IN Houghton, Michael, Danville, CA, United States
Choo, Qui-Lim, El Cerrito, CA, United States
Kuo, George, San Francisco, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 5350671 940927
AI US 93-10396 930809 (8)
RLI Continuation of Ser. No. US 89-456637, filed on 21 Dec 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-355002, filed on 18 May 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-353846, filed on 21 Apr 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-341334, filed on 20 Apr 1989, now abandoned which is a continuation-in-part of Ser. No. US 89-325338, filed on 17 Mar 1989, now abandoned which is a continuation-in-part of Ser. No. US 88-271450, filed on 14 Nov 1988, now abandoned which is a continuation-in-part of Ser. No. US 88-263584, filed on 26 Oct 1988, now abandoned which is a continuation-in-part of Ser. No. US 88-191263, filed on 6 May 1988, now abandoned which is a continuation-in-part of Ser. No. US 88-161072, filed on 26 Feb 1988, now abandoned which is a continuation-in-part of Ser. No. US 87-139886, filed on 30 Dec 1987, now abandoned which is a continuation-in-part of Ser. No. US 87-122714, filed on 18 Nov 1987, now abandoned
DT Utility

LN.CNT 7404
INCL INCLM: 435/005.000
INCLS: 435/006.000; 435/975.000; 436/512.000; 436/518.000; 530/300.000; 530/327.000; 530/326.000; 530/328.000; 530/812.000; 530/876.000; 930/220.000; 930/223.000
NCL NCLM: 435/005.000
NCLS: 435/006.000; 435/975.000; 436/512.000; 436/518.000; 530/300.000; 530/326.000; 530/327.000; 530/328.000; 530/812.000; 530/826.000; 930/220.000; 930/223.000
IC [5]
ICM: C12G001-70
ICS: C12G001-68; A61K037-02; G01N033-543
EXF 435/5; 435/6; 435/975; 436/512; 436/518; 530/300; 530/327; 530/326; 530/328; 530/812; 530/826; 930/220; 930/223
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 29 OF 37 MEDLINE DUPLICATE 1
AN 94175777 MEDLINE
TI Specific detection of positive and negative stranded hepatitis C viral RNA using chemical RNA modification.
AU Gunji T; Kato N; Hijikata M; Hayashi K; Saitoh S; Shimotohno K
CS Virology Division, National Cancer Center Research Institute, Tokyo, Japan.
SO ARCHIVES OF VIROLOGY, (1994) 134 (3-4) 293-302.
Journal code: 8L7. ISSN: 0304-8608.
CY Austria
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9406

L9 ANSWER 30 OF 37 BIOTECHDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 92-04447 BIOTECHDS
TI **Non-A non-B** hepatitis
virus-specific antigen protein and DNA sequence;
and polymerase chain reaction DNA primer for detection of the virus
PA Tonen
PI EP 468657 29 Jan 1992
AI EP 91-306158 8 Jul 1991
PRAI JP 90-413844 20 Dec 1990; JP 90-180889 9 Jul 1990
DT Patent
LA English
OS WPI: 92-034390 [05]

L9 ANSWER 31 OF 37 CAPLUS COPYRIGHT 1997 ACS DUPLICATE 3
AN 1992:249537 CAPLUS
DN 116:249537
TI Typing hepatitis C virus by polymerase chain reaction with type-specific primers: application to clinical surveys and tracing infectious sources
AU Okamoto, Hiroaki; Sugiyama, Yasushi; Okada, Shunichi; Kurai, Kiyohiko; Akahane, Yoshihiro; Sugai, Yoshiki; Tanaka, Takeshi; Sato, Koei; Tsuda, Fumio; et al.
CS Immunol. Div., Jichi Med. Sch., 329-04, Japan
SO J. Gen. Virol. (1992), 73(3), 673-9
CODEN: JGVIAY; ISSN: 0022-1317
DT Journal
LA English

L9 ANSWER 32 OF 37 EMBASE COPYRIGHT 1997 ELSEVIER SCI. B.V.
AN 93013202 EMBASE
TI Detection of hepatitis C virus (HCV) RNA sequences in liver tissue by in situ hybridization.
AU Lamas E.; Baccarini P.; Housset C.; Kremsdorf D.; Brechot C.
CS INSERM U-75, CHU Necker, 156 Rue de Vaugirard, 75742 Paris Cedex 15, France
SO J. HEPATOL., (1992) 16/1-2 (219-223).
ISSN: 0168-8278 CODEN: JOHEEC
CY Ireland
DT Journal
FS 048 Gastroenterology
LA English
SL English

L9 ANSWER 33 OF 37 CAPLUS COPYRIGHT 1997 ACS
AN 1992:630054 CAPLUS
DN 117:230054
TI Sequences from the **non-A, non-B** hepatitis virus genome encoding a viral antigen
IN Mishiro, Shunji; Nakamura, Tetsuo
PA Immuno Japan, Inc., Japan
SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 451,968, abandoned.
CODEN: USXXAM
PI US 5077193 A 911231
AI US 90-540604 900619
PRAI JP 88-322547 881221
US 89-451968 891219
DT Patent
LA English

L9 ANSWER 34 OF 37 MEDLINE
AN 92348861 MEDLINE
TI Evidence of two major genotypes of hepatitis C virus in France and close relatedness of the predominant one with the prototype virus.
AU Li J S; Tong S P; Vitvitski L; Lepot D; Trepo C
CS Unite de Recherche sur les Hepatites, INSERM 271, Lyon, France.
SO JOURNAL OF HEPATOLOGY, (1991) 13 Suppl 4 S33-7.
Journal code: IBS. ISSN: 0168-8278.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-M60220; GENBANK-M60221
EM 9211

L9 ANSWER 35 OF 37 COPYRIGHT 1997 PJB

AN 90:5370 PHIN
DN S00227472
DED 31 Jan 1990
TI Japanese progress in pharmaceutical innovation
SO Scrip (1990) No. 1484 p18
DT Newsletter
FS FULL

L9 ANSWER 36 OF 37 USPATFULL
AN 90:78226 USPATFULL

TI Controlled release of macromolecular polypeptides
IN Eppstein, Deborah A., Palo Alto, CA, United States
Schryver, Brian B., Redwood City, CA, United States
PA Syntex (U.S.A.) Inc., Palo Alto, CA, United States (U.S. corporation)
PI US 4962091 901009
AI US 86-866625 860523 (6)
DT Utility
LN.CNT 1235
INCL INCLM: 514/002.000
INCLS: 514/021.000; 514/964.000; 424/078.000; 424/089.000; 424/092.000; 424/085.100; 424/085.200; 424/085.600; 424/085.800; 424/085.400
NCL NCLM: 424/085.200
NCLS: 424/085.100; 424/085.400; 424/085.600; 424/130.100; 424/178.100; 424/184.100; 424/193.100; 424/499.000; 514/002.000; 514/021.000; 514/964.000
IC [5]
ICM: A61K031-12
ICS: A61K047-00
EXF 424/78; 424/89; 424/85; 424/46; 424/92; 424/DIG.7; 424/486; 514/773; 514/772; 514/774; 514/775-778; 514/782; 514/951; 514/3-20; 514/958; 514/213; 514/21; 514/12-19; 514/2; 514/964
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 37 OF 37 CAPLUS COPYRIGHT 1997 ACS
AN 1991:116360 CAPLUS
DN 114:116360
TI cDNA cloning and expression of **non-A, non-B** hepatitis virus antigen genes
IN Mishiro, Shunji; Nakamura, Tetsuo
PA Immuno Japan, Inc., Japan
SO Eur. Pat. Appl., 9 pp.
CODEN: EPXXDW
PI EP 377303 A1 900711
DS R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE
AI EP 89-313362 891220
PRAI JP 88-322547 881221
DT Patent
LA English

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=> s hcv and antisense
          234 HCV
         2210 ANTISENSE
L1         32 HCV AND ANTISENSE

=> d 1-32
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1. 5,686,242, Nov. 11, 1997, Determination of oligonucleotides for therapeutics, diagnostics and research reagents; Thomas W. Bruice, et al., 435/6, 7.1; 536/23.1, 25.3 :IMAGE AVAILABLE:

2. 5,686,239, Nov. 11, 1997, Hepatitis E virus peptides and methods; Gregory R. Reyes, et al., 435/5, 975; 436/518; 530/324, 403 :IMAGE AVAILABLE:

3. 5,683,695, Nov. 4, 1997, Production of recombinant proteins containing multiple antigenic determinants linked by flexible hinge domains; De Fen Shen, et al., 424/185.1, 192.1, 201.1, 202.1, 203.1; 435/252.3, 320.1; 530/324, 350; 536/23.1, 23.4, 23.5, 23.53, 23.72 :IMAGE AVAILABLE:

4. 5,681,702, Oct. 28, 1997, Reduction of nonspecific hybridization by using novel base-pairing schemes; Mark L. Collins, et al., 435/6, 87, 91.2; 536/24.3, 24.31, 24.33, 26.3, 26.72 :IMAGE AVAILABLE:

5. 5,679,342, Oct. 21, 1997, Hepatitis C virus infected cell systems; Michael Houghton, et al., 424/93.21, 189.1, 228.1; 435/5, 69.3, 70.3, 235.1, 239 :IMAGE AVAILABLE:

6. 5,677,124, Oct. 14, 1997, Ribonuclease resistant viral RNA standards; Dwight B. DuBois, et al., 435/5, 69.1, 235.1, 287.2, 288.1; 536/23.1 :IMAGE AVAILABLE:

7. 5,670,153, Sep. 23, 1997, Immunoreactive polypeptide compositions; Amy J. Weiner, et al., 424/189.1, 228.1; 435/5; 530/350 :IMAGE AVAILABLE:

8. 5,670,152, Sep. 23, 1997, Immunoreactive polypeptide compositions; Amy J. Weiner, et al., 424/189.1, 228.1; 435/5; 530/350 :IMAGE AVAILABLE:

9. 5,667,992, Sep. 16, 1997, Mammalian expression systems for **HCV** proteins; James M. Casey, et al., 435/69.3, 5; 530/409 :IMAGE AVAILABLE:

10. 5,662,906, Sep. 2, 1997, Non-a non-b hepatitis-specific antigen and its use in hepatitis diagnosis; Noboru Maki, et al., 424/184.1, 189.1, 228.1; 530/324, 350 :IMAGE AVAILABLE:

11. 5,661,134, Aug. 26, 1997, Oligonucleotides for modulating Ha-ras or Ki-ras having phosphorothioate linkages of high chiral purity; Phillip Dan Cook, et al., 514/44, 42, 43, 45, 46; 536/24.5, 25.33, 25.34 :IMAGE AVAILABLE:

12. 5,656,739, Aug. 12, 1997, Nucleotide-directed assembly of bimolecular and multimolecular drugs and devices; Roger S. Cubicciotti, 536/23.1; 435/5, 6, 91.1; 530/300, 388.1; 536/24.3, 24.32, 24.33 :IMAGE

AVAILABLE:

13. 5,654,284, Aug. 5, 1997, Oligonucleotides for modulating RAF kinase having phosphorothioate linkages of high chiral purity; Phillip Dan Cook, et al., 514/44; 536/22.1, 23.1, 23.7, 23.72, 24.32 :IMAGE AVAILABLE:

14. 5,641,654, Jun. 24, 1997, Non-A non-B hepatitis specific antigen and its use in hepatitis; Noboru Maki, et al., 435/69.3, 252.3, 252.33, 252.5, 254.2, 320.1; 536/23.72 :IMAGE AVAILABLE:

15. 5,625,034, Apr. 29, 1997, Core antigen protein of hepatitis C virus, and diagnostic method and kit using the same; Jaw-Ching Liao, et al., 530/350; 435/5, 69.3; 530/826; 536/23.72 :IMAGE AVAILABLE:

16. 5,620,963, Apr. 15, 1997, Oligonucleotides for modulating protein kinase C having phosphorothioate linkages of high chiral purity; Phillip D. Cook, et al., 514/44; 536/24.5, 25.33, 25.34 :IMAGE AVAILABLE:

17. 5,610,054, Mar. 11, 1997, Enzymatic RNA molecule targeted against Hepatitis C virus; Kenneth G. Draper, 435/363, 6, 91.31, 320.1, 325, 366; 514/44; 536/23.1, 23.2, 24.5 :IMAGE.AVAILABLE:

18. 5,610,009, Mar. 11, 1997, Mammalian expression systems for hepatitis C virus envelope genes; Shinichi Watanabe, et al., 435/5; 436/820; 530/388.3, 389.4 :IMAGE AVAILABLE:

19. 5,607,923, Mar. 4, 1997, Oligonucleotides for modulating cytomegalovirus having phosphorothioate linkages of high chiral purity; Phillip D. Cook, et al., 514/44, 912, 914; 536/23.1, 25.34 :IMAGE AVAILABLE:

20. 5,599,797, Feb. 4, 1997, Oligonucleotides having phosphorothioate linkages of high chiral purity; Phillip D. Cook, et al., 514/44, 42, 43, 45, 46; 536/24.5, 25.33, 25.34 :IMAGE AVAILABLE:

21. 5,587,361, Dec. 24, 1996, Oligonucleotides having phosphorothioate linkages of high chiral purity; Phillip D. Cook, et al., 514/44; 536/22.1, 23.1, 23.7, 23.72, 24.32 :IMAGE AVAILABLE:

22. 5,580,967, Dec. 3, 1996, Optimized catalytic DNA-cleaving ribozymes; Gerald F. Joyce, 536/23.2; 435/6, 91.31, 172.1, 172.3; 536/23.1, 24.5 :IMAGE AVAILABLE:

23. 5,576,302, Nov. 19, 1996, Oligonucleotides for modulating hepatitis C virus having phosphorothioate linkages of high chiral purity; Phillip D. Cook, et al., 514/44, 42, 43, 45, 46; 536/24.5, 25.33, 25.34 :IMAGE AVAILABLE:

24. 5,550,016, Aug. 27, 1996, Oligonucleotides of **HCV**, primers and probes therefrom, method of determining **HCV** genotypes and method of detecting **HCV** in samples; Hiroaki Okamoto, 435/5, 6, 91.1, 91.2; 536/24.32, 24.33, 25.3; 935/76, 77, 78 :IMAGE AVAILABLE:

25. 5,514,539, May 7, 1996, Nucleotide and deduced amino acid sequences of the envelope 1 gene of 51 isolates of hepatitis C virus and the use of reagents derived from these sequences in diagnostic methods and vaccines; Jens Bukh, et al., 435/5, 6, 91.2, 810; 536/23.1, 23.72, 24.32, 24.33; 935/1, 2, 3, 5, 76, 77 :IMAGE AVAILABLE:

26. 5,491,135, Feb. 13, 1996, Compositions of N-(phosphonoacetyl)-L-aspartic acid and methods of their use as broad spectrum antivirals; Herbert A. Blough, 514/115, 119, 561 :IMAGE AVAILABLE:

27. 5,474,914, Dec. 12, 1995, Method of producing secreted CMV glycoprotein H; Richard Spaete, 435/69.1, 69.7, 252.3, 254.1, 320.1; 530/350 :IMAGE AVAILABLE:

28. 5,428,145, Jun. 27, 1995, Non-A, non-B, hepatitis virus genome, polynucleotides, polypeptides, antigen, antibody and detection systems; Hiroaki Okamoto, et al., 536/23.72; 424/185.1, 186.1, 189.1, 225.1, 228.1; 435/69.3, 172.3; 530/350, 826; 536/23.1 :IMAGE AVAILABLE:

29. 5,427,909, Jun. 27, 1995, Oligonucleotides and determination system of **HCV** genotypes; Hiroaki Okamoto, et al., 435/5, 6, 91.1, 91.2; 536/24.33 :IMAGE AVAILABLE:

30. 5,372,928, Dec. 13, 1994, Hepatitis C virus isolates; Tatsuo Miyamura, et al., 435/5, 6; 536/23.72, 24.32; 935/8, 9, 78 :IMAGE AVAILABLE:

31. 5,350,671, Sep. 27, 1994, **HCV** immunoassays employing C domain antigens; Michael Houghton, et al., 435/5, 6, 975; 436/512, 518; 530/300, 326, 327, 328, 812, 826; 930/220, 223 :IMAGE AVAILABLE:

32. 5,346,696, Sep. 13, 1994, Asialoglycoprotein - conjugated medicinal agent; Chung Y. Kim, et al., 424/85.4, 85.6, 85.7; 435/68.1; 530/351, 395 :IMAGE AVAILABLE:

L5 ANSWER 21 OF 134 USPATFULL
AN 97:20421 USPATFULL
TI Methods of preventing **viral** replication
IN Blum, Hubert E., Zurich, Switzerland
Liang, Tsanyang, Brookline, MA, United States
Galun, Eithan, Jerusalem, Israel
Wands, Jack R., Waban, MA, United States
PA The General Hospital Corporation, Boston, MA, United States (U.S. corporation)
PI US 5610050 970311
AI US 93-51935 930423 (8)
RLI Continuation-in-part of Ser. No. US 92-846328, filed on 5 Mar 1992, now abandoned which is a continuation-in-part of Ser. No. US 90-511428, filed on 20 Apr 1990, now abandoned
DT Utility
EXNAM Primary Examiner: Campell, Bruce R.
LREP Fish & Richardson P.C.
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 23 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2097
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to methods and compositions for inhibition of **viral** replication. In particular, termination of replication of hepatitis B **virus** is achieved by introducing into a target cell an **antisense** oligonucleotide having a sequence substantially complementary to an mRNA which is in turn complementary to a portion of the minus strand of a hepatitis **viral** genome, which portion encoding solely part or all of the terminal protein region of the **viral** polymerase.

L5 ANSWER 96 OF 134 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 91-339810 [46] WPIDS
CR 94-161169 [20]; 94-357766 [44]
DNC C91-146739
TI Prevention of **viral** replication - by mutation of **viral** polymerase, useful against e.g. viruses of hepadna, herpes, pox, picorna, orthomyxo, paramyxo, corona.
DC B04 D16
IN BLUM, H E; GALUN, E; LIANG, T; WANDS, J R
PA (GEHO) GEN HOSPITAL CORP
CYC 17
PI WO 9116420 A 911031 (9146)*
RW: AT BE CH DE DK ES FR GB GR IT LU NL SE
W: AU CA JP
AU 9177858 A 911111 (9207)
EP 528903 A1 930303 (9309) EN 38 pp
R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
JP 05506993 W 931014 (9346) 10 pp
AU 656136 B 950127 (9512)
EP 528903 A4 930908 (9527)
EP 528903 B1 960911 (9641) EN 17 pp
R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 69122098 E 961017 (9647)
ES 2091928 T3 961116 (9702)
ADT EP 528903 A1 EP 91-909315 910422, WO 91-US2793 910422; JP 05506993 W JP 91-508671 910422, WO 91-US2793 910422; AU 656136 B AU 91-77858 910422; EP 528903 A4 EP 91-909315 ; EP 528903 B1 EP 91-909315 910422, WO 91-US2793 910422; DE 69122098 E DE 91-622098 910422, EP 91-909315 910422, WO 91-US2793 910422; ES 2091928 T3 EP 91-909315 910422
FDT EP 528903 A1 Based on WO 9116420; JP 05506993 W Based on WO 9116420; AU 656136 B Previous Publ. AU 9177858, Based on WO 9116420; EP 528903 B1 Based on WO 9116420; DE 69122098 E Based on EP 528903, Based on WO 9116420; ES 2091928 T3 Based on EP 528903
PRAI US 90-511428 900420
AB WO 9116420 A UPAB: 971006
A method for inhibiting **viral** replication is claimed, comprising introducing a mutation into a polymerase gene region of the **viral** genome. When the **virus** is hepatitis B, the mutation is introduced between nucleotide positions 2606-2823, preferably 2798.

Also claimed is a method of preventing or inhibiting **viral** replication in a host cell, by contacting the **virus** with a defective polymerase gene prod. The above gene prod. pref. has a single amino acid substd. at position 164. The polymerase gene is regulated by a tissue specific promoter, where the tissue is the liver. Also claimed are a recombinant **virus** polymerase gene encoding the defective polymerase a vector comprising the gene and a host cell transformed by the vector.

USE/ADVANTAGE - The defective polymerase is used to prevent **viral** infection due to e.g. hepadnaviruses, esp. hepatitis viruses e.g. HBV; retroviruses e.g. HIV, adenoviruses, herpes viruses, pox viruses, picornaviruses, orthomyxoviruses,

[redacted]

paramyxoviruses, coronaviruses, pestiviruses and **flaviruses**
. @(38pp Dwg.No.0/0)ec

L5 ANSWER 98 OF 134 CABA COPYRIGHT 1997 CABI
AN 95:5714 CABA
DN 940806258
TI Oligonucleotides complementary to tick-borne encephalitis **virus** RNA prevent the development of the infectious process in mice
AU Pogodina, V. V.; Frolova, T. V.; Frolova, M. P.; Abramova, T. B.; Vlasov, V. V.; Knorre, D. G.; Pletnev, A. G.; Yakubov, L. A.
CS Institute of Poliomyelitis and Viral Encephalitides, Academy of Medical Sciences of the USSR, Moscow Province, USSR.
SO Doklady, Biochemistry, (1989) Vol. 308, No. 1-6, pp. 260-262. 15 ref.
ISSN: 0012-4958
DT Journal
LA English
AB The possibility of suppressing the development of disease in mice infected with tickborne encephalitis **virus** by using reactive derivatives of **antisense** oligonucleotides was examined. It was found that **antisense** oligonucleotides exerted a specific antiviral effect complementary to tickborne encephalitis **virus** RNA. In mice protected by these oligonucleotide derivatives, specific humoral immunity and resistance to reinfection were formed in the absence of morphological changes in the central nervous system, characteristic of experimental tickborne encephalitis. The results suggest that the materials obtained are evidence of the promise of chemotherapy of **viral** infections by selective blocking of the functions of **virus** nucleic acids with the aid of **antisense** oligonucleotides.